



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<b>(21) International Application Number:</b> PCT/US98/07632  <b>(22) International Filing Date:</b> 24 April 1998 (24.04.98)  <b>(30) Priority Data:</b> 60/044,265      25 April 1997 (25.04.97)      US 08/990,811      15 December 1997 (15.12.97)      US  <b>(71)(72) Applicants and Inventors:</b> SEKURA, Ronald, D. [US/US]; 100 Anchor Drive #431, Key Largo, FL 33037 (US), SEKURA, Carol, M. [US/US]; 100 Anchor Drive #431, Key Largo, FL 33037 (US).  <b>(74) Agents:</b> HAMILTON, James, D. et al.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Crystal Square Five, 4th floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).		<b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>Without international search report and to be republished          upon receipt of that report.</i>
<b>(54) Title:</b> PRESCRIPTION COMPLIANCE DEVICE AND METHOD OF USING DEVICE  <b>(57) Abstract</b>  <p>A prescription compliance device which aids patients in complying with instructions given by a physician for taking prescription medication. The device reminds a patient when the next dose of medication is to be taken and indicates whether a specified dose has been taken. The device includes a microcontroller, a display, a program memory for storing pre-programmed medication-taking regimens for single and multiple medications, a real time clock, a selector for selecting one of the regimens and for programming the device as to the time and day on which a first dose of medications is to be taken, a display which alternately displays the current time and a time at which a next dose of medication is to be taken, and an alarm which alerts the patient at times when a dose of medication is to be taken. The selector includes an event switch which is activated by the patient after taking a dose of medication so as to record the taking of the medication and to cause the microcontroller to effect the display of the next time at which a dose of medications is to be taken. A memory may also be included to record the times at which a patient takes doses of medication. The device is small enough to be attached to medication containers, and includes a remote programming feature via a wireless link.</p>		

















































































































